antibodies -online.com





IL-27 Protein (AA 21-229) (His tag)



Overview

Quantity:	100 μg
Target:	IL-27 (IL27)
Protein Characteristics:	AA 21-229
Origin:	Human
Source:	CHO Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-27 protein is labelled with His tag.

Product Details

Purpose:	Human IL-27 Protein
Sequence:	Arg21-Lys229 (IL-27B) & Phe29-Pro243 (IL-27A)
Specificity:	Uni-Prot: Q14213 (IL-27B), Q8NEV9 (IL-27A)
Characteristics:	Recombinant Human IL-27 Protein is expressed from CHO with His tag at the C-Terminus.It contains Arg21-Lys229(IL-27B) & Phe29-Pro243(IL-27A).
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human IL-27 RA, hFc Tag at 5µg/ml (100µl/well) on the plate. Dose response
	curve for Human IL-27, His Tag with the EC50 of 16.8ng/ml determined by ELISA (QC Test). The
	affinity constant of 3.58 nM as determined in SPR assay (Biacore T200). See testing image for

Product Details	
	detail.
Target Details	
Target:	IL-27 (IL27)
Alternative Name:	IL-27 (IL27 Products)
Background:	Interleukin (IL)-27, a member of the IL-6/IL-12 family, has an important role in modulating inflammation in partnership with innate and adaptive immune cells.
Molecular Weight:	50.6 kDa. Due to glycosylation, the protein migrates to 54-64 kDa based on Tris-Bis PAGE result.
UniProt:	Q14213
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS, 200 mM L-arginine (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after

reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into

smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date:

12 months